

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016393.D
 Acq On : 21 May 2020 18:50
 Operator : JC/SP
 Sample : L2732-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-200520

Quant Time: May 22 09:45:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

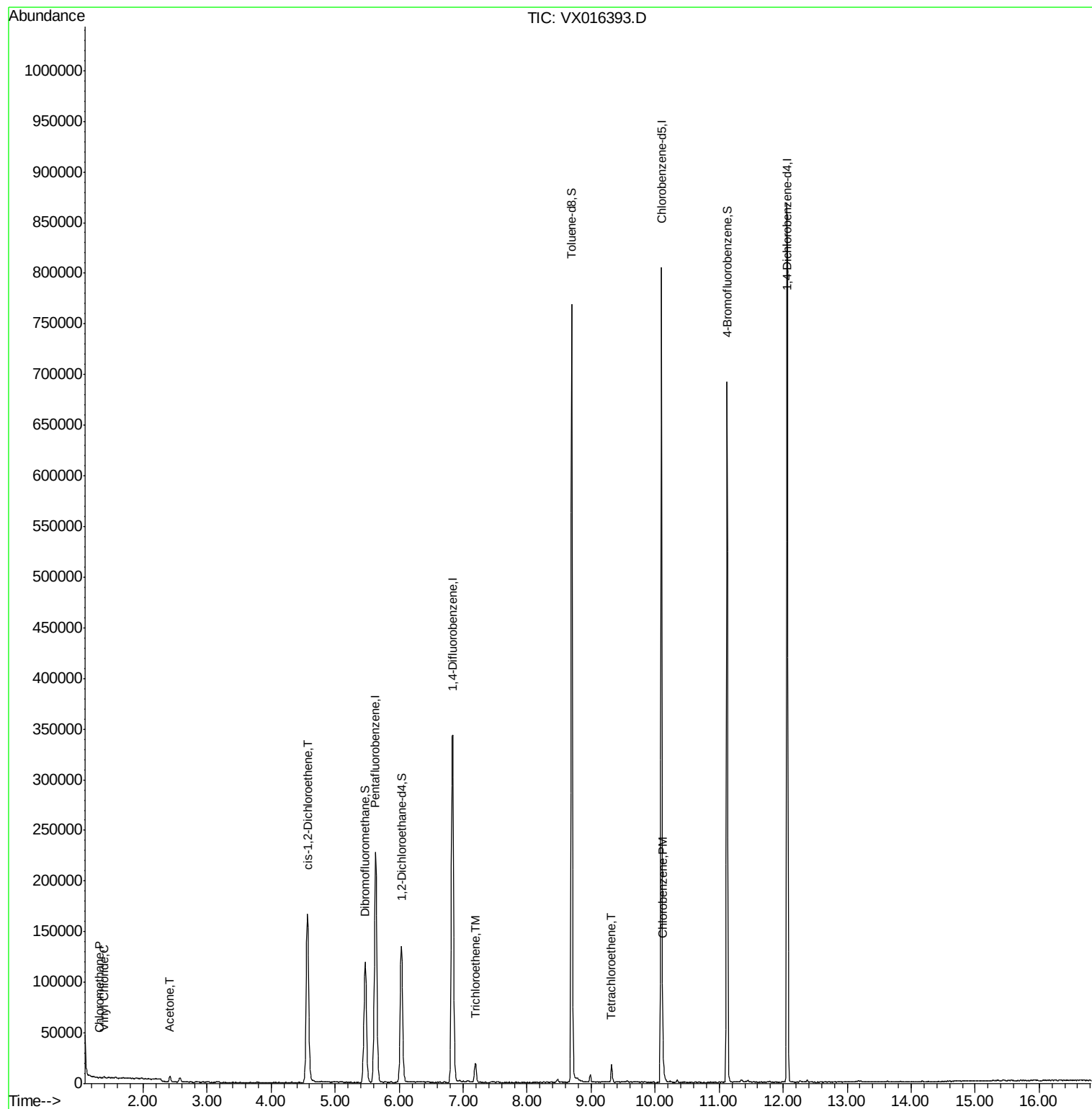
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	225747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	367324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	374098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	187741	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	129300	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
35) Dibromofluoromethane	5.47	113	106366	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
50) Toluene-d8	8.70	98	458047	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.12	95	187014	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	836	0.301	ug/l	98
4) Vinyl Chloride	1.39	62	841	0.284	ug/l	99
16) Acetone	2.42	43	5706	4.305	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	112203	39.247	ug/l	85
44) Trichloroethene	7.19	130	7333	1.951	ug/l	90
64) Tetrachloroethene	9.32	164	3583	0.780	ug/l	93
65) Chlorobenzene	10.12	112	7346	0.938	ug/l	98

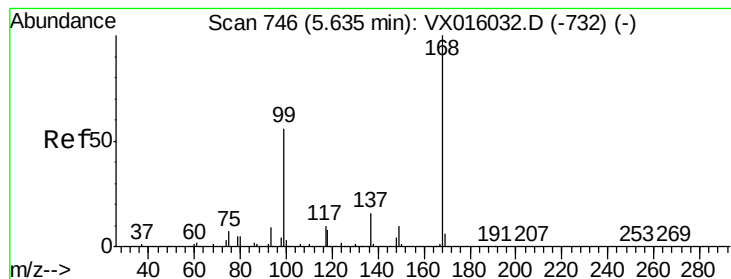
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016393.D

Acq: 21 May 2020 18:50

Instrument :

MSVOA_X

ClientSampleId :

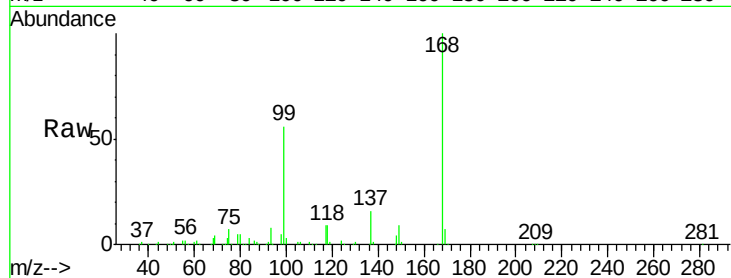
KY038PS027-200520

Tot Ion:168 Resp: 225747

Ion Ratio Lower Upper

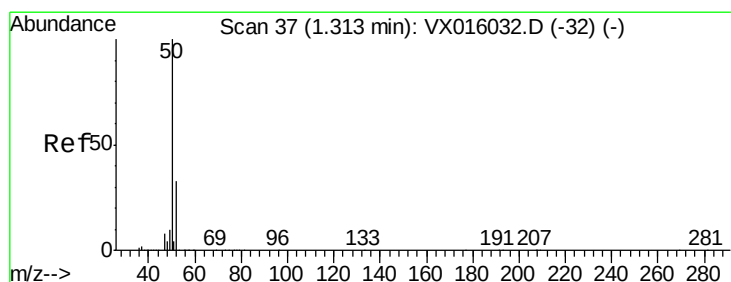
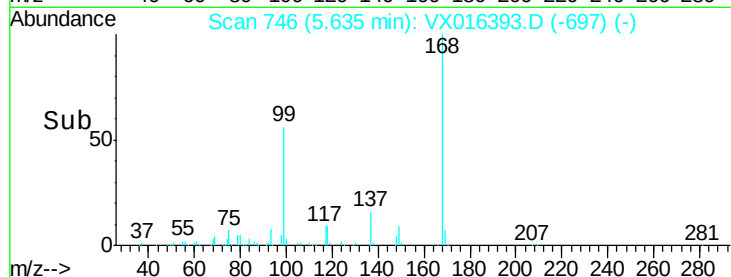
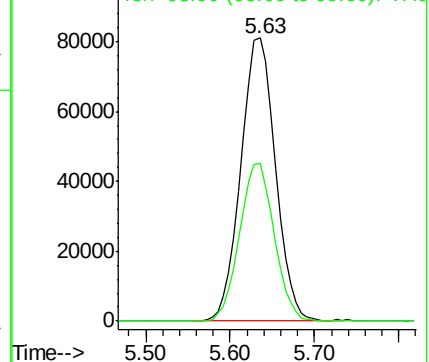
168 100

99 55.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.301 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016393.D

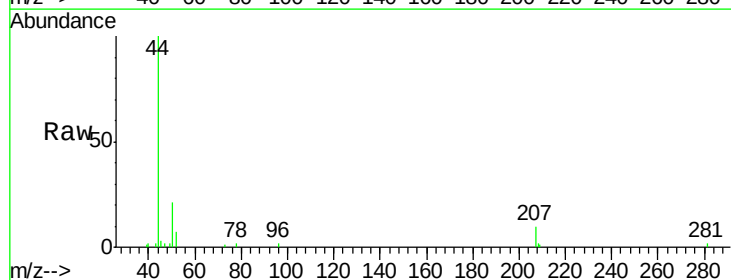
Acq: 21 May 2020 18:50

Tgt Ion: 50 Resp: 836

Ion Ratio Lower Upper

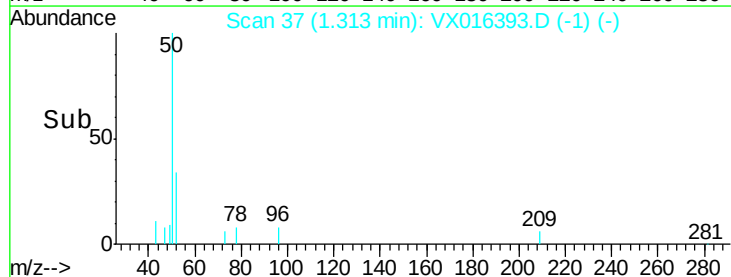
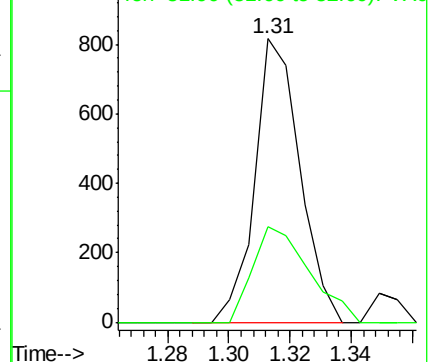
50 100

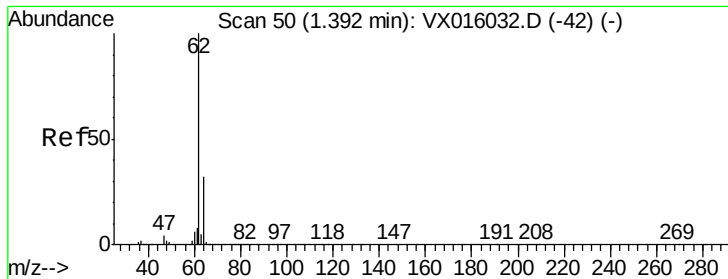
52 33.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.284 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016393.D

Acq: 21 May 2020 18:50

Instrument :

MSVOA_X

ClientSampleId :

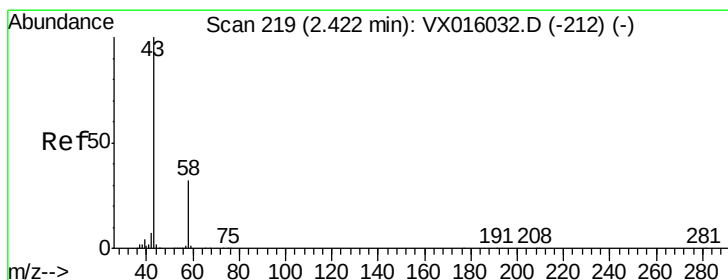
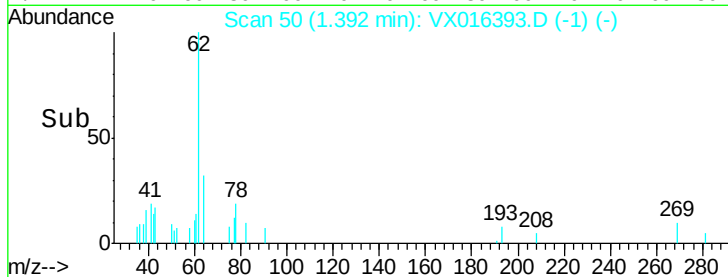
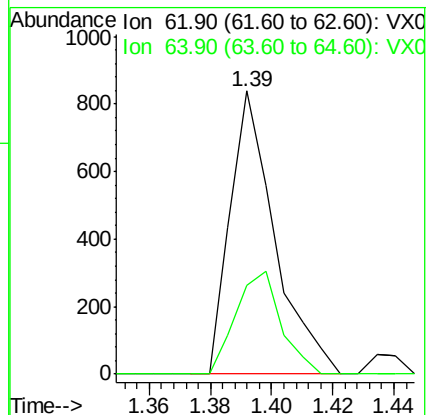
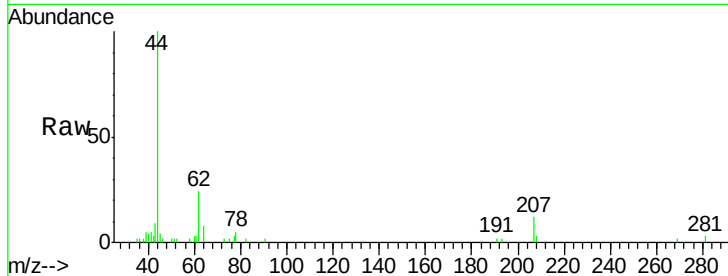
KY038PS027-200520

Tot Ion: 62 Resp: 841

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5



#16

Acetone

Concen: 4.305 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016393.D

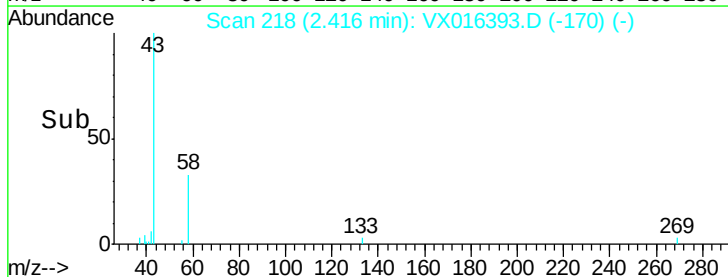
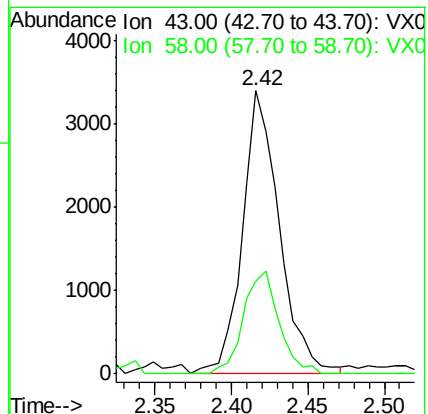
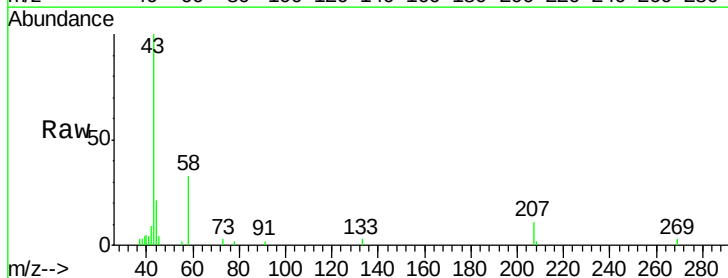
Acq: 21 May 2020 18:50

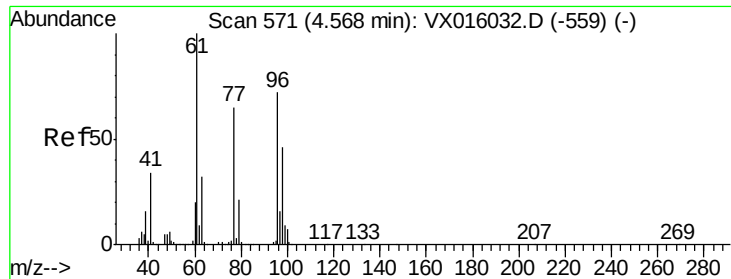
Tgt Ion: 43 Resp: 5706

Ion Ratio Lower Upper

43 100

58 32.8 25.4 38.0



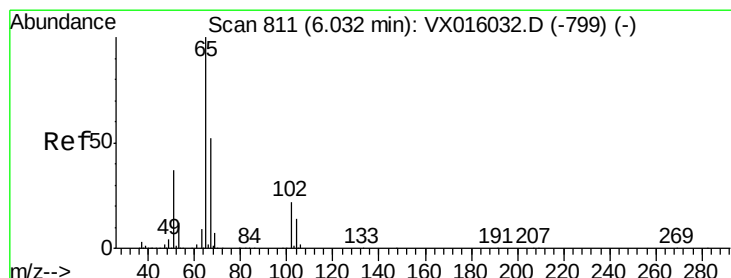
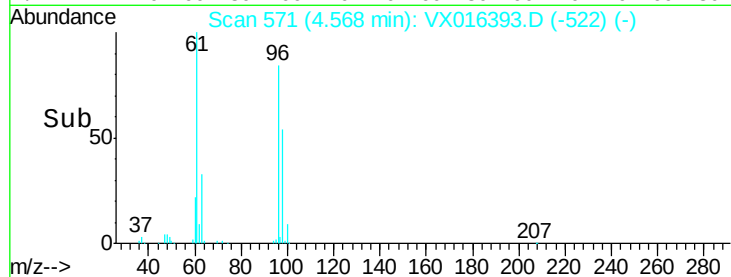
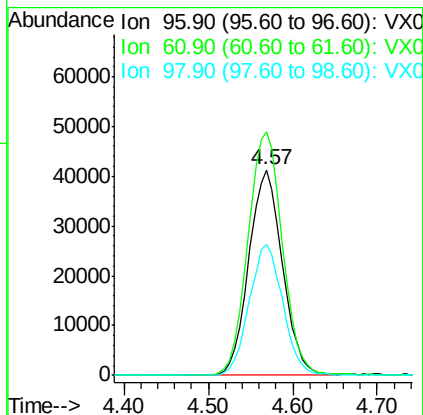
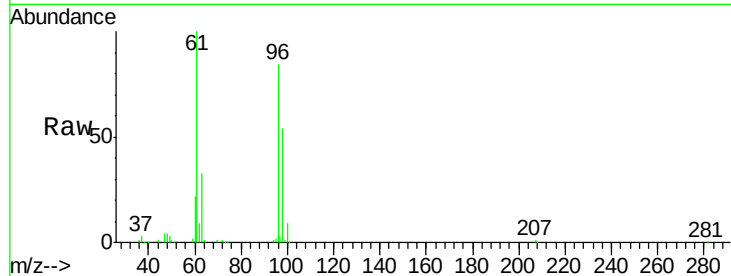


#27

cis-1,2-Dichloroethene
 Concen: 39.247 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016393.D
 Acq: 21 May 2020 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS027-200520

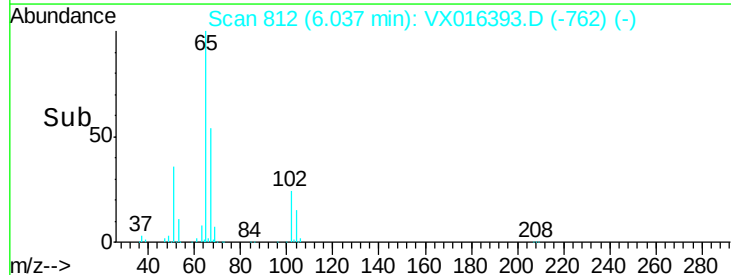
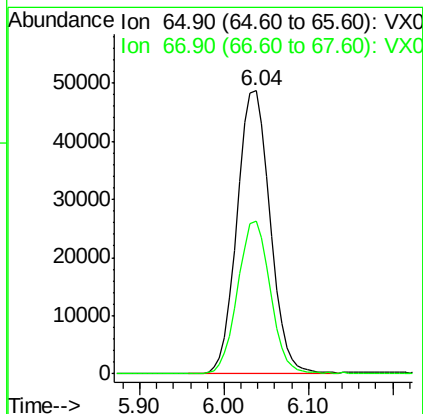
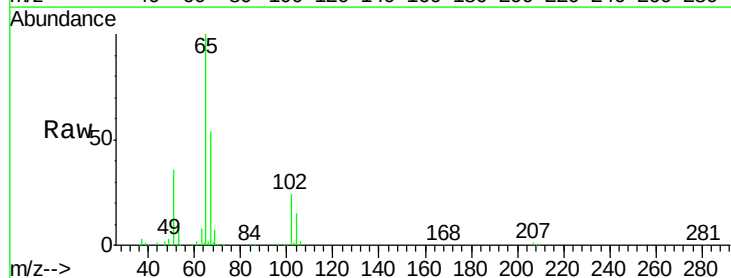
Tot Ion	Ratio	Lower	Upper
96	100		
61	121.6	0.0	296.2
98	63.8	0.0	129.4

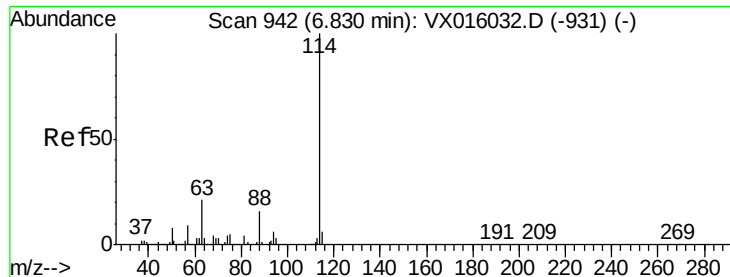


#33

1,2-Dichloroethane-d4
 Concen: 43.527 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016393.D
 Acq: 21 May 2020 18:50

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016393.D

Acq: 21 May 2020 18:50

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200520

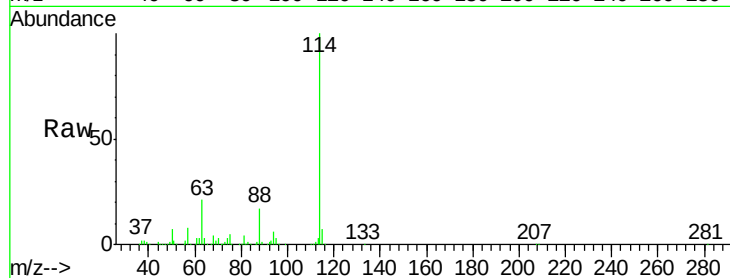
Tot Ion:114 Resp: 367324

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 16.9 0.0 31.4

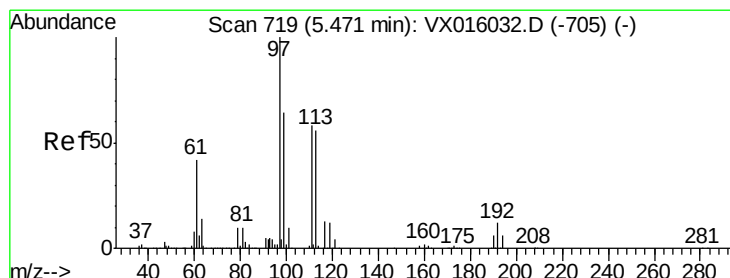
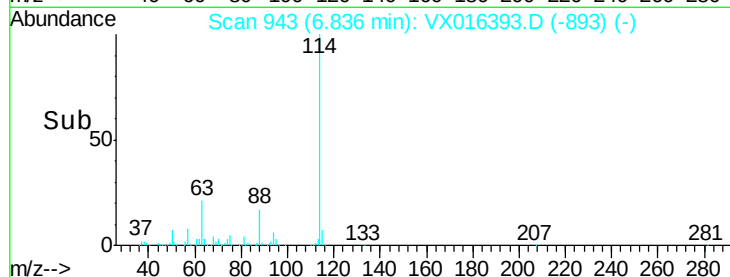
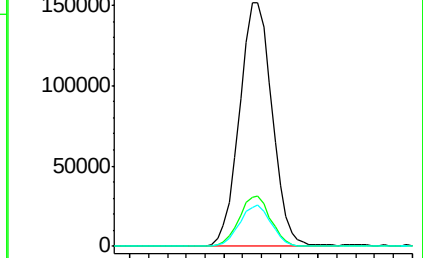


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84



#35

Dibromofluoromethane

Concen: 45.706 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016393.D

Acq: 21 May 2020 18:50

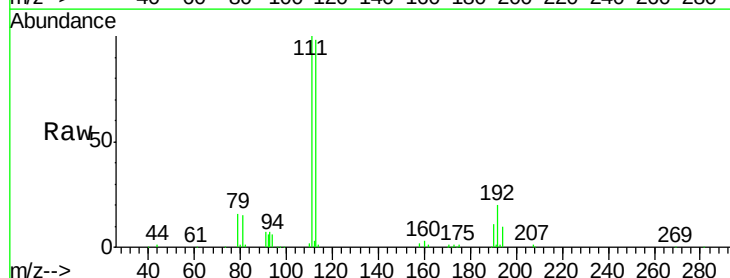
Tgt Ion:113 Resp: 106366

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

192 21.8 17.0 25.4

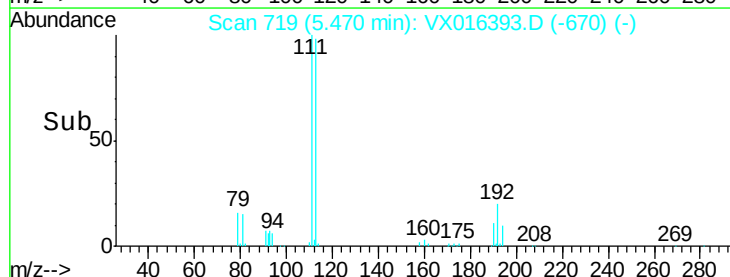
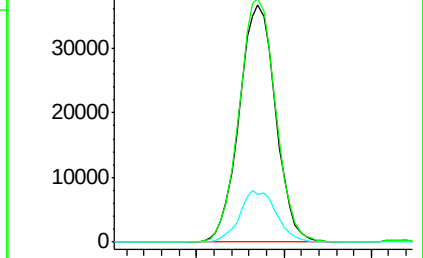


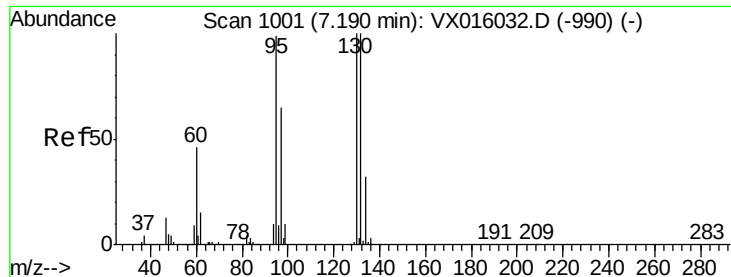
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.47





#44

Trichloroethene

Concen: 1.951 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016393.D

Acq: 21 May 2020 18:50

Instrument :

MSVOA_X

ClientSampleId :

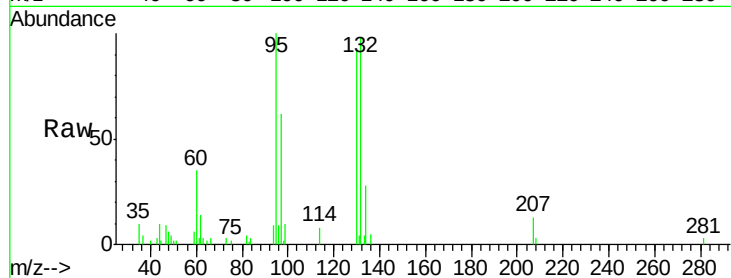
KY038PS027-200520

Tot Ion:130 Resp: 7333

Ion Ratio Lower Upper

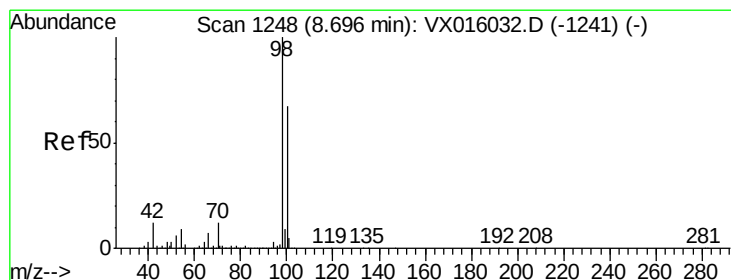
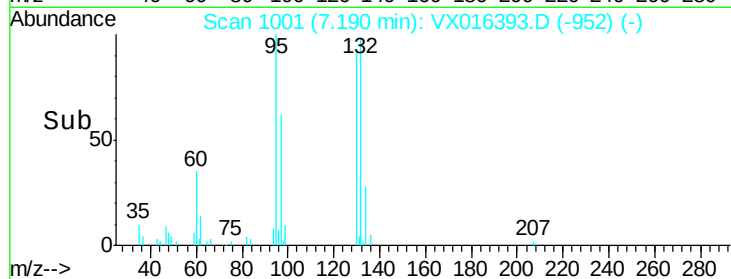
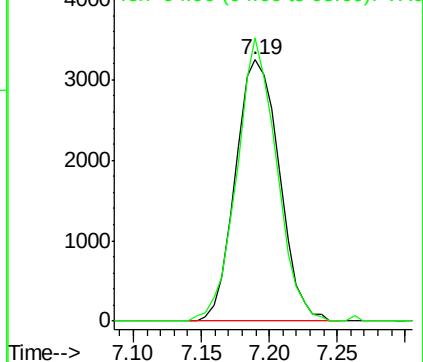
130 100

95 108.2 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.083 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016393.D

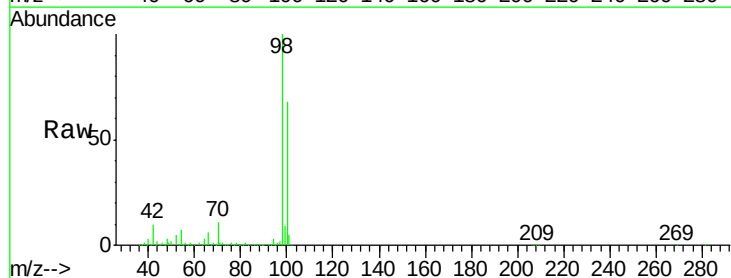
Acq: 21 May 2020 18:50

Tgt Ion: 98 Resp: 458047

Ion Ratio Lower Upper

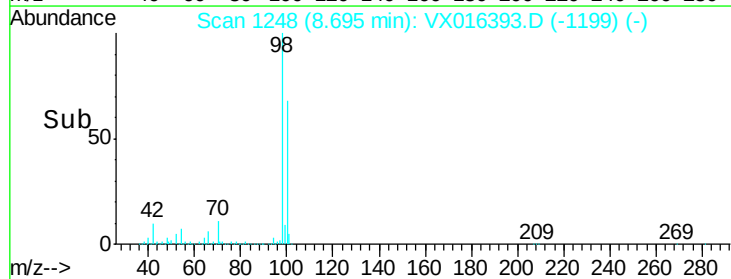
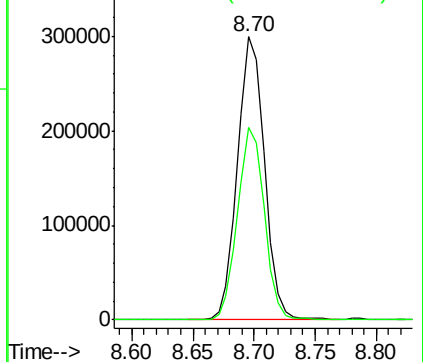
98 100

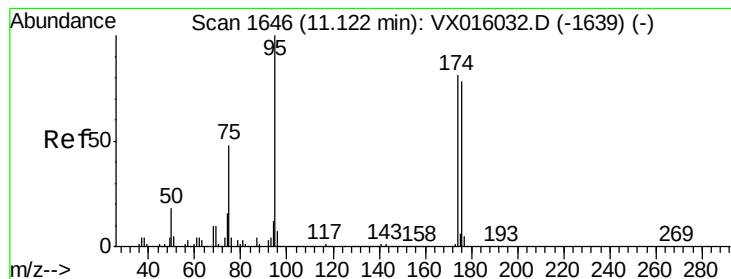
100 68.3 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.835 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016393.D

Acq: 21 May 2020 18:50

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200520

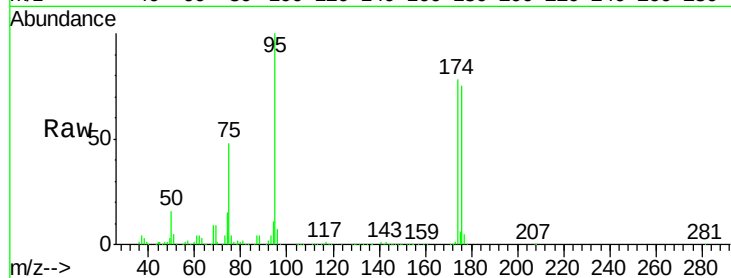
Tot Ion: 95 Resp: 187014

Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.4

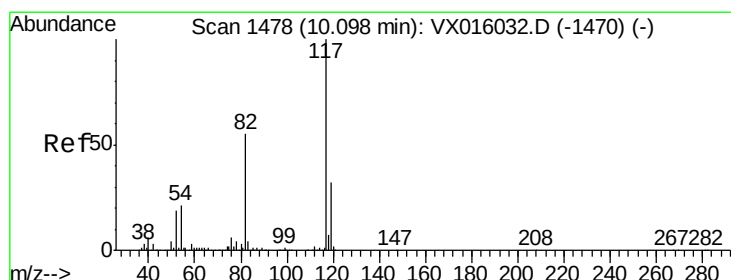
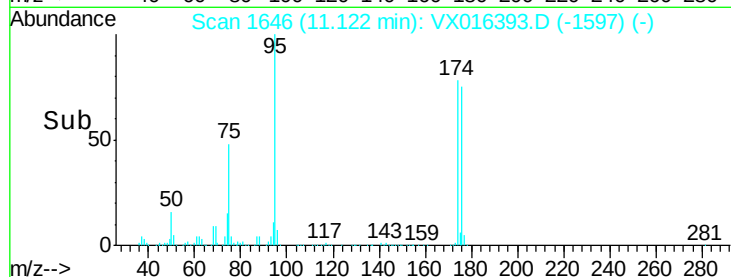
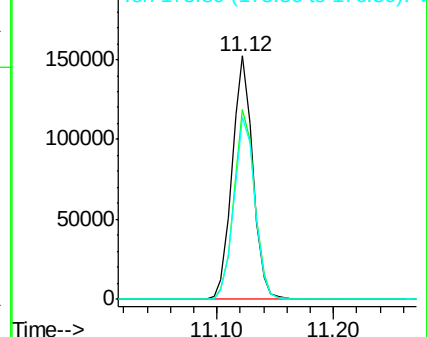
176 76.8 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016393.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016393.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016393.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016393.D

Acq: 21 May 2020 18:50

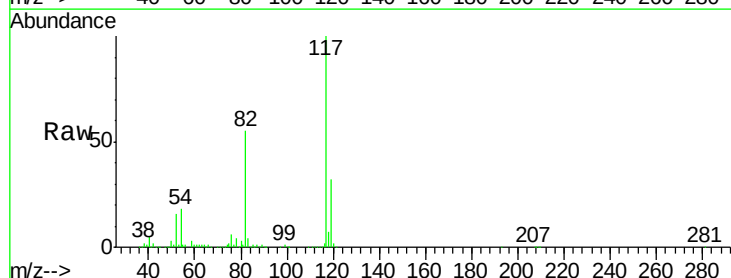
Tgt Ion: 117 Resp: 374098

Ion Ratio Lower Upper

117 100

82 54.7 44.4 66.6

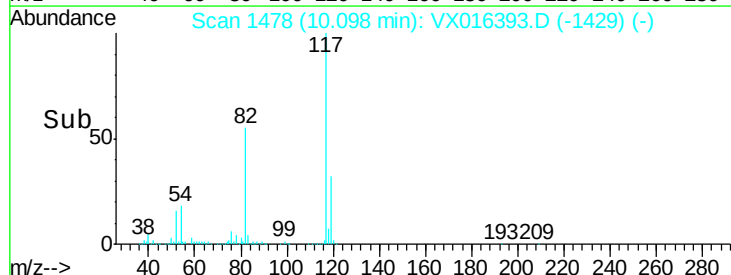
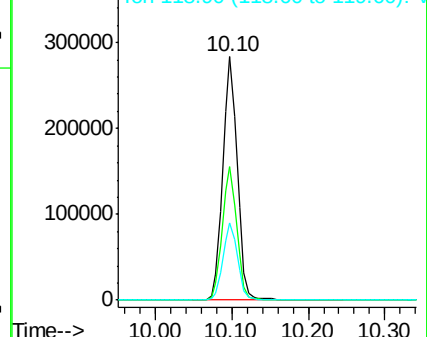
119 31.8 25.5 38.3

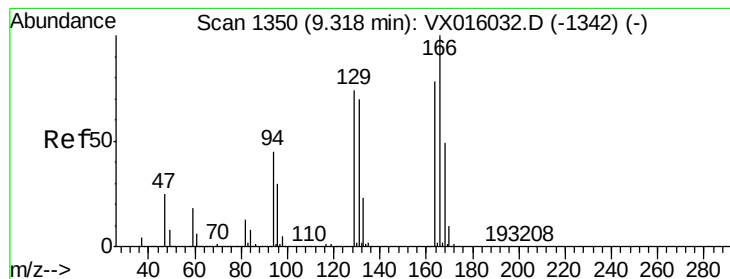


Abundance Ion 116.90 (116.60 to 117.60): VX016393.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016393.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016393.D (-1429) (-)





#64

Tetrachloroethene

Concen: 0.780 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016393.D

Acq: 21 May 2020 18:50

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200520

Tot Ion:164 Resp: 3583

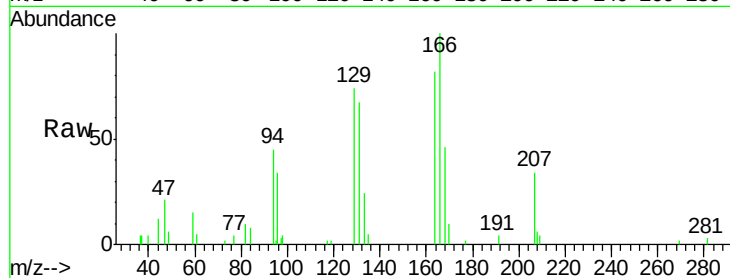
Ion Ratio Lower Upper

164 100

166 121.6 102.9 154.3

129 90.6 76.1 114.1

131 81.3 71.9 107.9

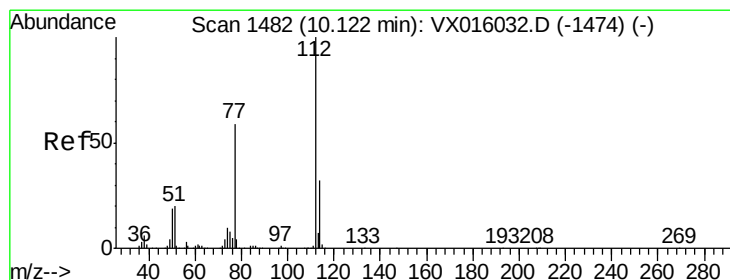
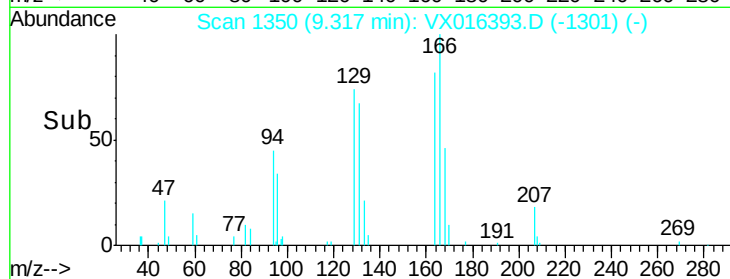
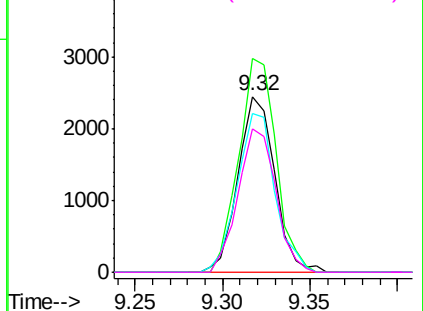


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.938 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016393.D

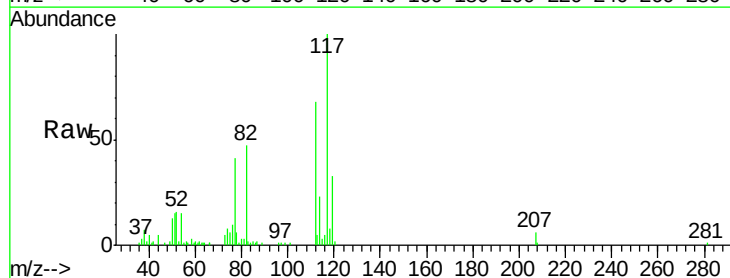
Acq: 21 May 2020 18:50

Tgt Ion:112 Resp: 7346

Ion Ratio Lower Upper

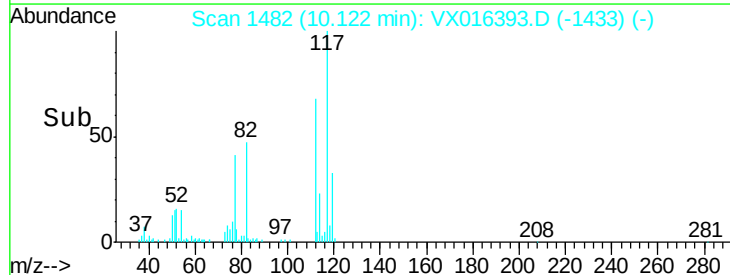
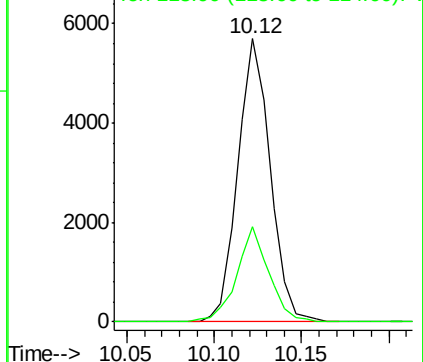
112 100

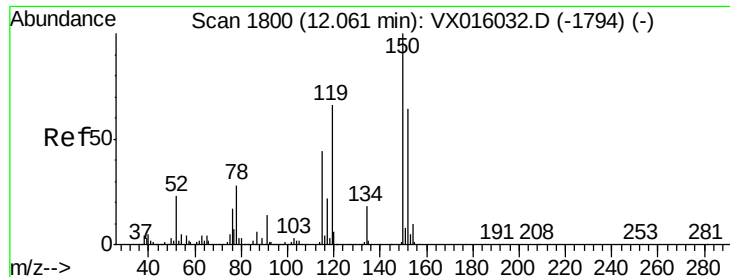
114 33.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016393.D

Acq: 21 May 2020 18:50

Instrument :

MSVOA_X

ClientSampleId :

KY038PS027-200520

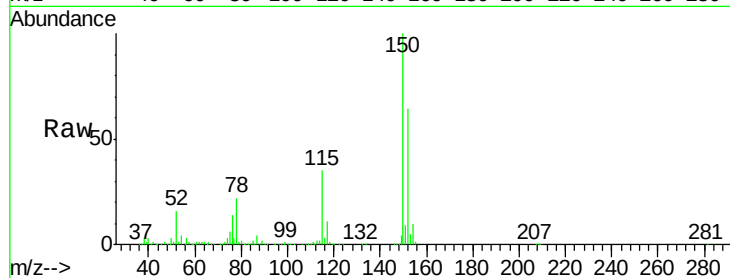
Tot Ion:152 Resp: 187741

Ion Ratio Lower Upper

152 100

115 59.1 41.3 124.1

150 158.0 0.0 352.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

